



Technical Data Sheet

Product	<b>Anti-gamma-Tubulin Alexa Fluor® 647</b>	
Cat. Number/Size	<b>A6-465-C025</b>	<b>0.025 mg</b>
	<b>A6-465-C100</b>	<b>0.1 mg</b>
<b>For Research Use Only.</b>		
<b>Not for use in diagnostic or therapeutic procedures.</b>		

Antigen	gamma-Tubulin
Clone	TU-30
Format	Alexa Fluor® 647
Reactivity	Protozoa, Chicken, Cow, Rat, Mouse, Pig, Human, Plants
Application	ICC, WB, FC(IC)
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.
Excitation laser	red (633 nm)
Isotype	Mouse IgG1
Specificity	The antibody TU-30 recognizes C-terminus (amino acids 434-449 in human) of gamma-tubulin, a 48 kDa structural constituent of cytoskeleton and microtubule organizing center (MTOC). The epitope was located in the amino acid sequence TRPDYI (aa439-444 in human), which is present on human gamma-tubulin 1 but not on human gamma-tubulin 2.
Other names	TUBG
Immunogen	C-terminal peptide of gamma-tubulin counjugated to KLH.
Entrez Gene ID	7283
Gene name	TUBG1
NCBI Full Gene Name	tubulin gamma 1
UniProt ID	P23258
Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with Alexa Fluor® 647 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Images and References	www.exbio.cz

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

Alexa Fluor®, Pacific Blue™ and Pacific Orange™ are registered trademarks of Life Technologies Corporation.

This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com).